



2.28 x 1.77 x 0.77"

**Input**

Input Voltage	Universal (90-264 VAC)
Input Frequency	47-63Hz
Inrush Current	32.5A Max
Input Current	0.15A @ 115 VAC / 0.07A @ 230 VAC Max
Hold-Up Time	20ms typ @ 115 & 80ms @ 230 VAC / Full Load
Input Protection	External Fuse (1A / 250 VAC)

**Output**

Minimum Load	Dual Output Models, 20% ov V1 only
Line Regulation	Singles = 0.1% typ.   Duals = 0.5% typ.
Load Regulation	Singles = ± 1% typ.   Duals = ± 2% typ..
Ripple & Noise	1% typ. pk-pk @ 20MHz
Overload Protection	Power Foldback, auto-recovery
OverVoltage Protection	Latch (V1 Only)
Adjustment	Fixed
Transient Response	voltage returns < 3mS following a 50% load change

**Features:**

- \* PCB Mount Encapsulated Switching Power Supply
- \* Universal AC Input
- \* Worldwide Safety Approvals
- \* EN55022 & FCC Class B Emissions
- \* CE Mark

**General**

Efficiency	65-67% Typ.
Switching Frequency	75KHz
Operating Temperature	-10 to +50°C Full Load, de-rate 2.5 per °C up to +71°C
Storage Temperature	-20°C to +85°C
Cooling	Convection Cooled
Temp Co-Efficient	0.04% per °C
Topology	Fixed frequency flyback circuit

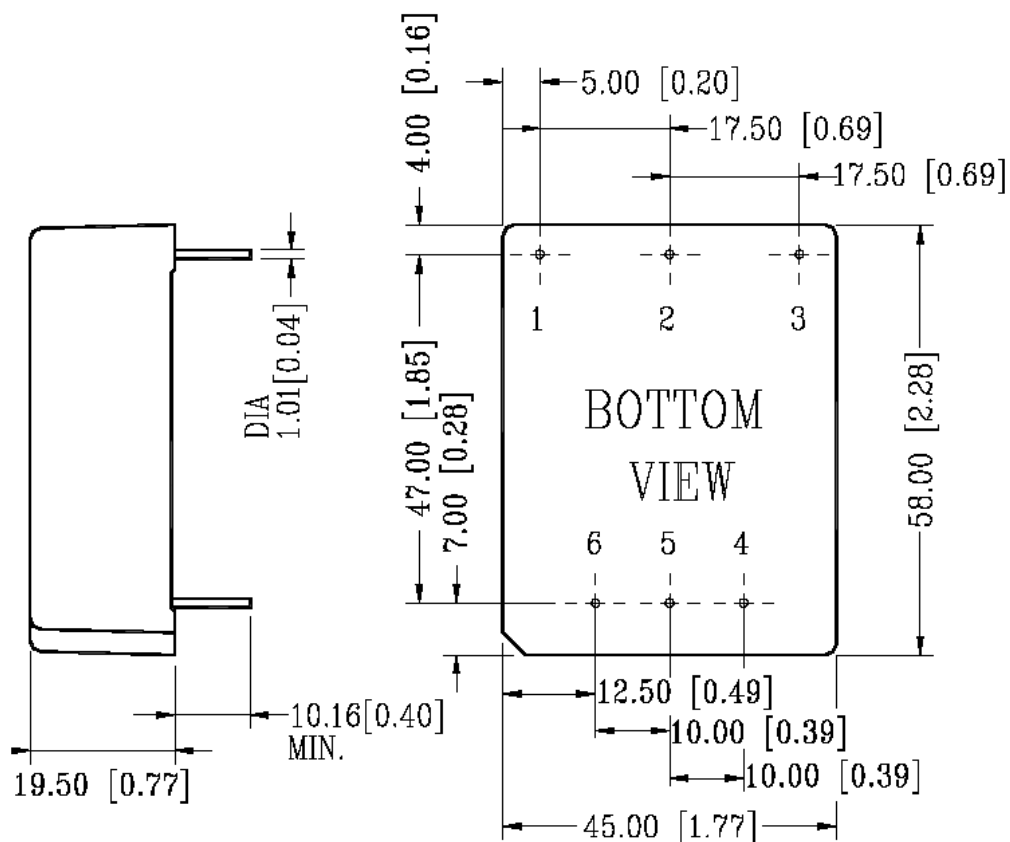
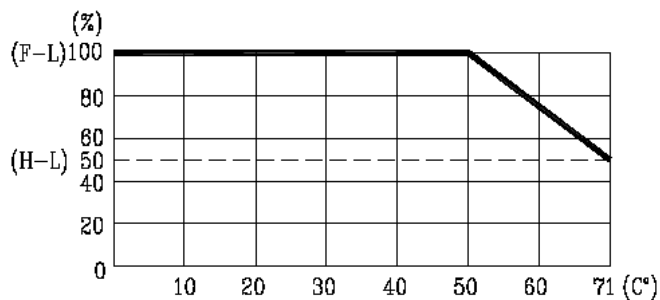
**EMC & Safety**

Emissions EN55022 "B", FCC Class B

Safety Approvals UL/cUL60950-1  
EN60950-1  
CE Mark (LVD)

**Model Number****Output**

APS05AM-S-050100	3.3V @ 1.33A
APS05AM-S-090060	5.0V @ 1.00A
APS05AM-S-120045	9.0V @ 0.60A
APS05AM-S-150036	12.0V @ 0.450A
APS05AM-S-180030	15.0V @ 0.36A
APS05AM-S-240022	18.0V @ 0.30A
	24.0V @ 0.22A

**Mechanical Details****CASE SIZE: AM01****Notes**

WEIGHT: 107g (3.77Oz.)

**PIN ASSIGNMENT**

PIN NO.	SINGLE	DUAL
PIN #1.	AC-GROUND	AC-GROUND
PIN #2.	AC-NEUTRAL	AC-NEUTRAL
PIN #3.	AC-LINE	AC-LINE
PIN #4.	+ VO1	+ VO1
PIN #5.	NC	DC-COM
PIN #6.	DC-COM	- VO2